

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,198,162 B2
APPLICATION NO. : 10/608279
DATED : April 3, 2007
INVENTOR(S) : James A. Francois

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

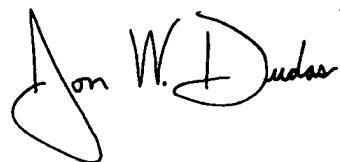
The Title Page, showing an illustrative figure, should be deleted and substitute therefor the attached Title Page.

Delete drawings sheets 1-4 and substitute therefor the drawing sheets, consisting of figs. 1-6 as shown on the attached page.

Col. 5, line 32, "polyvinylchloride" should be --polyvinyl chloride--

Signed and Sealed this

Third Day of June, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Francois et al.

(10) Patent No.: **US 7,198,162 B2**
(45) Date of Patent: **Apr. 3, 2007**

(54) **MOLDED CLOSURE AND APPARATUS FOR
MAKING SAME**

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(US)

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Evansville, IN (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: 10/608,279

(22) Filed: Jun. 27, 2003

(65) **Prior Publication Data**

US 2004/0000532 A1 Jan. 1, 2004

Related U.S. Application Data

(62) Division of application No. 09/790,128, filed on Feb.
21, 2001, now Pat. No. 6,609,694.

(51) Int. Cl.
B65D 41/04 (2006.01)

(52) U.S. Cl. 215/329; 222/153.1

(58) Field of Classification Search 215/276,
215/214, 217, 350, 351, 329; 222/180, 153.06,
222/153.1, 562, 568; 249/59, 175

See application file for complete search history.

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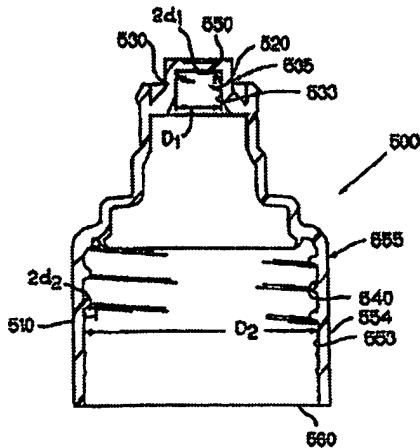
Primary Examiner—Lien M. Ngo

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(57) **ABSTRACT**

A molded closure having an auxiliary thread for removal of an incomplete closure from a molding cavity, the molded closure including a helical auxiliary thread projecting inwardly from a cylindrical wall portion of the closure to provide engagement between the closure and the molding core, so that the closure may be threadably removed from the molding cavity by threadably disengaging the molding core from the molding cavity after an incomplete run of the fabrication process. A molding assembly with which the auxiliary thread may be formed in a molded closure is also provided.

1 Claim, 4 Drawing Sheets



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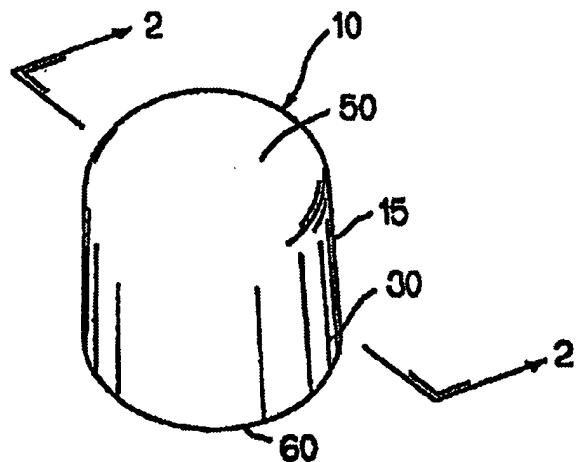


FIG. 1

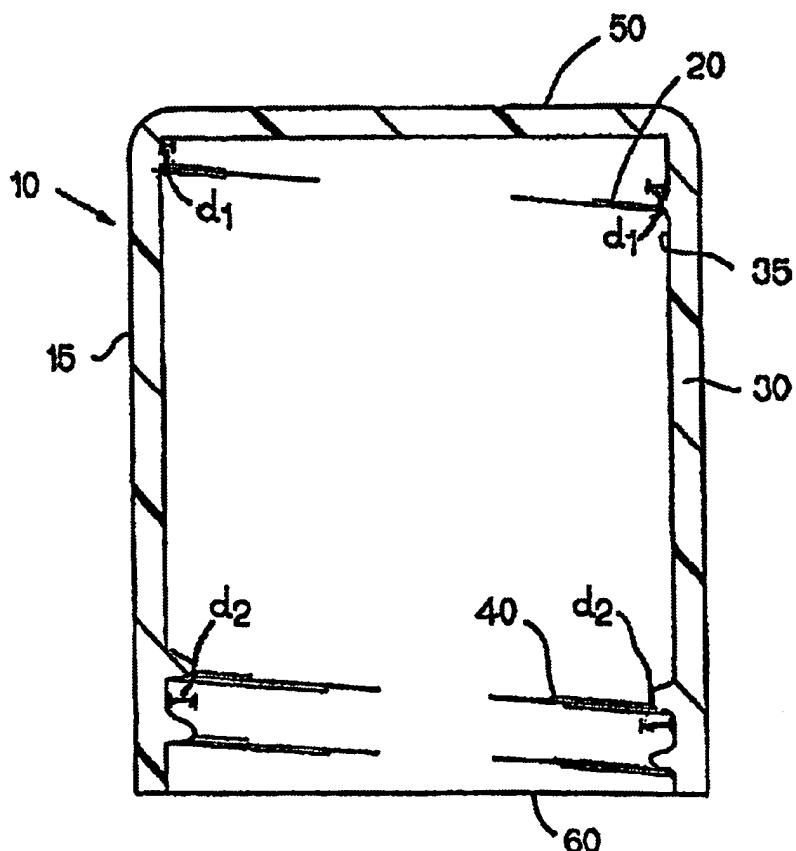


FIG. 2

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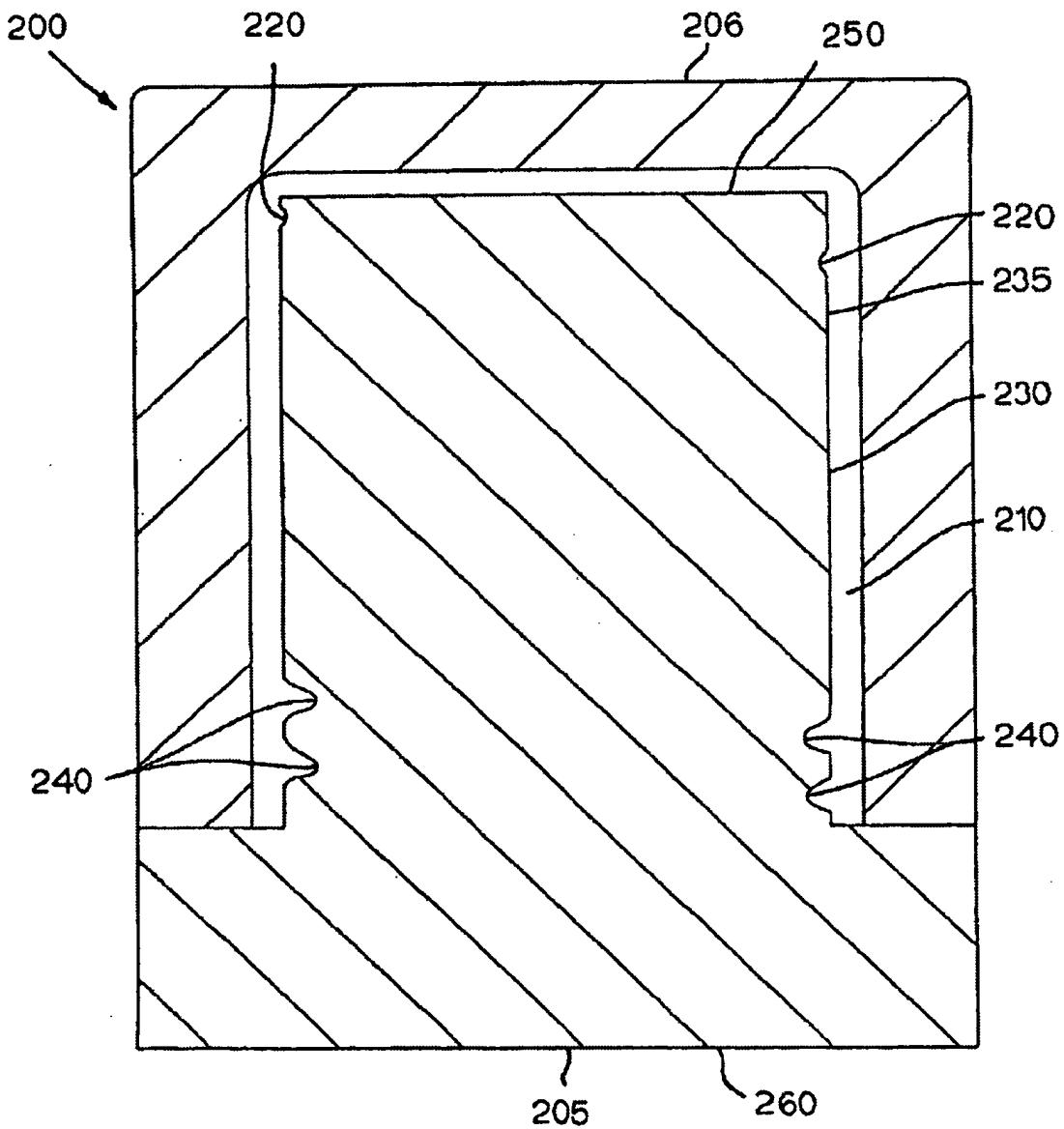


FIG. 3

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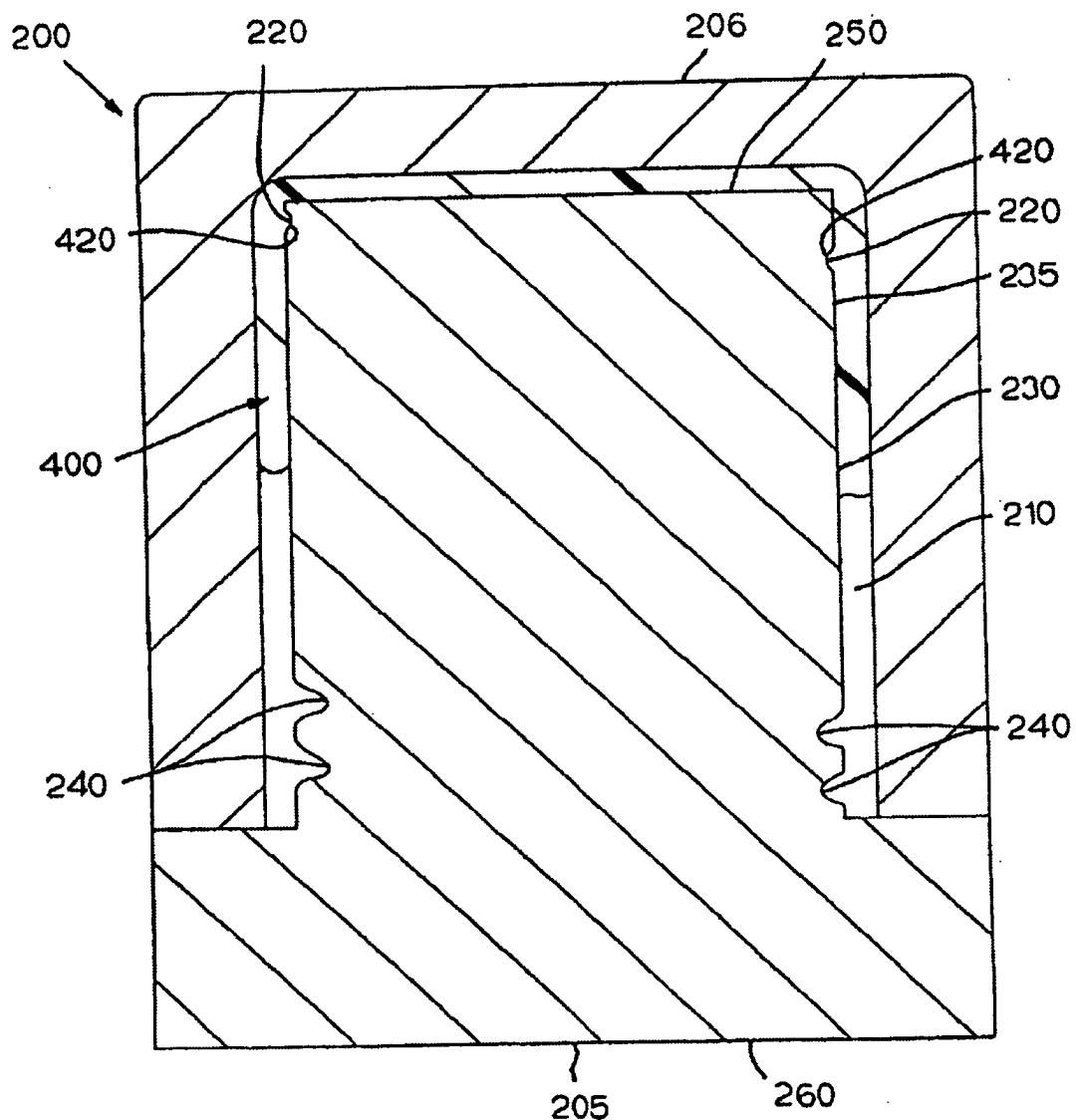


FIG. 4

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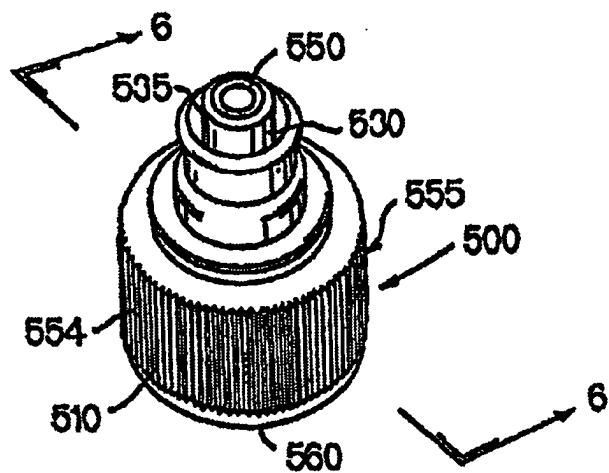


FIG. 5

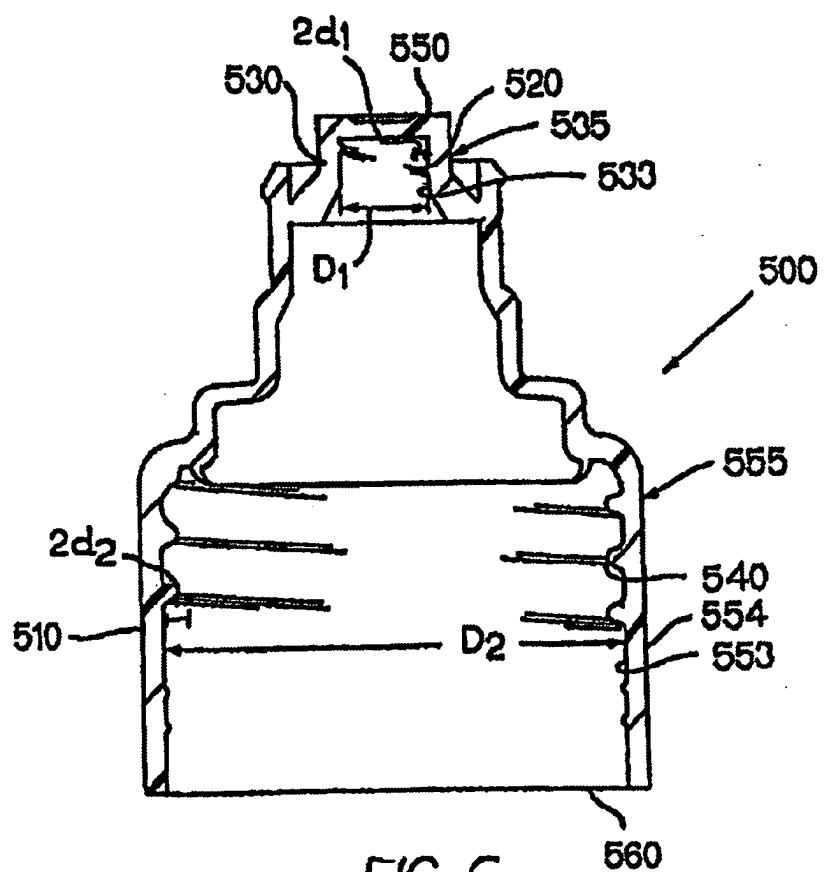


FIG. 6